

Department of Electronics and Communication Engineering

Faculty Publication

JANUARY -DECEMBER 2018

S.No	Title of the Paper
1.	Bharathi, M., Amsaveni, A., & Ravishankar, S. (2018). Extraction of two wire Loop topology using Hybrid Single Ended Loop Testing. <i>Informacije Midem-Journal Of Microelectronics Electronic Components And Materials</i> , 48(1), 41-52.
2.	Manikandan,B.,& Bharathi,M.(2018).Speed Breaker Detection Using Blob Analysis. <i>International Journal of Pure and Applied Mathematics</i> ,118(20), 3671-3677.
3.	Harshini ,N.M., &Kavitha.K.(2018).Performance Analysis Of Stbc-Noma . <i>International Journal of Pure and Applied Mathematics</i> ,118(20),1205-1209.
4.	Moni, J., & Sundari, T. (2018). Junctionless Tunneling Nanowire for Steep Subthreshold Slope. <i>Advanced Science Letters</i> , 24(8), 5695-5699
5.	Sasikala, S., Bharathi, M., Ezhilarasi, M., Ramasubba Reddy, M., & Arunkumar, S. (2018). Fusion of MLO and CC View Binary Patterns to Improve the Performance of Breast Cancer Diagnosis. <i>Current Medical Imaging Reviews</i> , 14(4), 651-658. doi:10.2174/1573405614666180104162408
6.	Sasikala, S., & Ezhilarasi, M. (2018). Fusion of k-Gabor features from medio-lateral-oblique and craniocaudal view mammograms for improved breast cancer diagnosis. <i>Journal of Cancer Research and Therapeutics</i> , 14(5), 1036. doi:10.4103/jcrt.jcrt_1352_16
7.	Vishwanathan, N., Paramasivam, K., & Somasundaram, K. (2018). Vertical Links Minimized 3D NoC Topology and Router-Arbiter Design. <i>The International Arab Journal of Information Technology</i> , 15(3), 468-478.
8.	Saravanan, V. A., & Paramasivam, K. (2018). Cross Talk Avoidance And Error Correction Codes Through Reliable Networks On Chip Using Hybrid Reconfigurable Architecture. <i>IIOAB Journal</i> , 9(1), 7-13.
9.	Timothy D paul, & Vimaladhithan, R. (2018). Internet of Things and the Scope of Machine learning in IoT: A Review. <i>International Journal OF Engineering and Technology</i> , 7(2.9), 115-121. doi:10.14419/ijet.v7i2.9.10528
10.	A. Amsaveni, M. Bharathi, J. N. Swaminathan (2018), ‘Design and performance analysis of low SAR hexagonal slot antenna using cotton substrate’, <i>Microsystem Technologies</i>
11.	Kavitha, C., Shankar, S. A., Karthika, K., Ashok, B., & Ashok, S. D. (2018). Active camber and toe control strategy for the double wishbone suspension system. <i>Journal of King Saud University - Engineering Sciences</i> . doi:10.1016/j.jksues.2018.01.003

12.	Amsaveni, A, Bharathi,M, Phavithra,PJ (2018). Gain Enhancement of a Square Patch Antenna using EBG Structure International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-8 Issue-2S, 397-400.
13.	Regi Saral,A, Lavanya,V, Amsaveni,A (2018). A Triangular Patch Antenna for Wireless Applications. International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), Volume 7, Issue 3,pp.227-231
14.	Mayilsamy, B., & Avinashiappan, A. (2018). Performance estimation and analysis of power line communication using single-ended loop testing. Turkish Journal of Electrical Engineering & Computer Sciences, 26(4), 2029-2042.
15.	Ramprakash, K. (2018). Design, Analysis and Fabrication of a Microstrip Slot Antenna. International Journal of Innovative Technology and Exploring Engineering, 8(2), 368-372. Retrieved from https://www.ijitee.org
16.	Ramprakash, K., Loshini, T., & Aparna, A. P. (2018). Design, Simulate Analyze the Performance of Parallel Coupled Micro Strip Band Pass Filter at 1.5 GHz for GPS Applications. International Journal of Innovative Technology and Exploring Engineering, 8(2), 373-375. Retrieved from https://www.ijitee.org
17.	Sasikala, S., Ezhilarasi, M., & Senthil, S. (2018). Breast Cancer Diagnosis System Based on the Fusion of Local Binary and Ternary Patterns from Ultrasound B Mode and Elastography Images. Current Medical Imaging Reviews, 14(6), 947-956.
18.	Bharathi M, Amsaveni. A, & Manikandan B (2018). Speed Breaker Detection Using GLCM Features. International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-8 Issue-2S.
19.	Parimala, M., Arivouli, D., & Krithika, S. (2018). Separation Axioms in ideal Minimal Spaces. International Journal of Recent Technology and Engineering, 7(42), 373- 375.
20.	Sasikala, S., & Ezhilarasi, M. (2018). Comparative Analysis of Serial and Parallel Fusion on Texture Features for Improved Breast Cancer Diagnosis. Current Medical Imaging Reviews, 14(6), 957-968.
21.	G.Karthikeyan and R.Hemalatha (2018),'Algorithms To Solve Rwa: A Review', International Journal of Pure and Applied Mathematics Volume 118 No. 18 2018, 3715-3719.
22.	G.Karthikeyan and R.Hemalatha (2018),'Enhanced Data Transmission Through Optimized Path In Rwa By Using Aco Algorithm', International Journal of Pure and Applied Mathematics Volume 118 No. 20 2018, 3777-3782.
23.	Selvaraj, B., Krishnasamy, S., Munirajan, S., Sangareddy Alagirisamy, P., Dhanushkodi, M., Gopalsamy, S., & Kuppusamy, K. K. (2018). Kinetic modelling of augmenting biomethane yield from poultry litter by mitigating ammonia. International Journal of Green Energy, 15(12), 766-772. doi:10.1080/15435075.2018.1529580

24.	Balaji, S., Sakthivel, M., Pasupathy, S. A., Sivakumar, P., & Arun, K. K. (2018). Enhanced biogas production from poultry litter by improving the carbon nitrogen ratio. International Journal of Productivity and Quality Management, 24(4), 520-530.
25.	Sa, B., Mb, S., Pasupathy, S. A., Karthick Kumar, K., & Ge, S. (2018). Multi Objective Optimization of Anaerobic Digestion of Poultry Litter Using Taguchi Grey Relational Analysis. International Journal of Applied Engineering Research, 13(7), 5216-5222.
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27.	Balaji, S., Sakthivel, M., Senthilkumar, K., Pasupathy, S. A., Mohanraj, D., Sukanya, G., & Karthick Kumar, K. (2018). Augumenting Biomethanation Potential Of Poultry Litter By Ammonia Volatilization Technique. Taga Journal Of Graphic Technology , 24(1), 2360-2367. Retrieved from http://www.tagajournal.com/gallery/v14.225.pdf
28.	Sundaresan, S., Pasuapthy, S. A., & Sasikala, L. (2018). Drapemeter for angular measurement of drape. Melliand International worldwide textile Journal, 24(1), 44-45.
29.	Karthi S P , Kavitha K (2018). A Survey on various Reconfigurable Architectures for Wireless communication Systems, International Journal of Pure and Applied Mathematics 119(12), 1427-1434.
30.	Harshini N.M and Kavitha, K. (2018). Performance Analysis Of Stbc-Noma, International Journal of Pure and Applied Mathematics 118(20), 1205-1209.
31.	Arun Kumar, S., Kavitha, K., & Kumaresan, A. (2018). Intelligible Transformation Techniques towards Enhancing the Intelligibility of Dysarthric Speech: A Review , International Journal of Pure and Applied Mathematics 118 (7), 573-580.
32.	Navaneethakrishnan, R., Santhanalakshmi, M., Marimuthu, R., Kumaresan, A., & Alagumeenaakshi, M. (2018). ADAS Headlamp for improved visibility. International Journal of Pure and Applied Mathematics, 119(12), 12541-12548.
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34.	Lung Cancer Detection and Classification Using Deep CNN. S. Sasikala, M. Bharathi, B. R. Sowmiya (2018) International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(2S), 259-262.

35.	Kalaiselvi A , Vasuki A (2018). Adaptive Filter Architecture for FPGA Implementations: International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(2S), 315-319.
36.	Dr. Shivappriya. S N, Dr Harikumar Kalaiselvi A (2018). Classification And Prediction Of Cardiac Vascular Disease : <i>International Journal of Pure and Applied Mathematics</i> , 119(15), 2483-2491.
37.	Elakkiya.R , Harshini N.M, Karthikeyan.G , Darwin.R (2018). Green Radio Communications Networks-Implementation and its Challenges. International Journal of Pure and Applied Mathematics,118(18),pp 3567-3579
38.	Darwin.R (2018). Implementation of Advanced IDS in Contiki for Highly Secured Wireless Sensor Network. International Journal of Applied Engineering Research,13(6),pp 4214-4218
39.	Vinodhini.S., Darwin.R.,(2018).Review on isolation enhancement Techniques for MIMO antennas.International Journal of Advance Research and Innovative Ideas in Education,4(1),pp 176-184.
40.	Darwin, R., & Sampath, P. (2018). Massive MIMO Deployment Scenarios In Real Propagation Environments For Green Wireless Networks. <i>International Journal of Pure and Applied Mathematics</i> , 118(20), 1173-1179.
41.	Manikandan, B., Phavithra, P. J., Vinodhini, S., & Darwin, R. (2018). Overview Of Millimeter Wave Communication. <i>International Journal of Pure and Applied Mathematics</i> , 118(18), 3573-3590.
42.	Karthika, K., & Kavitha, K. (2018). Design of a Fork Shaped Frequency Reconfigurable Antenna for WLAN Applications. <i>International Journal of Pure and Applied Mathematics</i> , 119(15), 2503-2512.
43.	Marimuthu R., Navaneethakrishnan R., Meenakshi A., Uma Maheswari S.(2019). Catch them young: Importance of career planning in Indian school education systems. International Journal of Recent Technology and Engineering, 7(4), pp. 212-216
44.	Jasparvinithasundari T.(2019).Performance analysis of low noise amplifier using junction less GAA TFET and conventional MOSFET. International Journal of Recent Technology and Engineering, 7(4),pp.449-452
45.	Tamil Elakkiya S., Karthika K& Jasmine K.(2019).RTOS based online condition monitoring and diagnosis of electrical equipment. International Journal of Recent Technology and Engineering,7(4), pp.128-131
46.	Kalaiselvi, Adaptive Filter Architecture for FPGA Implementations, International Journal of Innovative Technology and Exploring Engineering,8(2S).pp 315-319
47.	Ramprakash K, Design, Analysis and Fabrication of a Microstrip Slot Antenna,International Journal of Innovative Technology and Exploring Engineering,8(2S).pp 368-372
48.	Ramprakash K, Design, Simulate Analyze the Performance of Parallel Coupled Micro Strip Band Pass Filter at 1.5 GHz for GPS Applications,International Journal of Innovative Technology and Exploring Engineering,8(2S).pp 373-375
49.	S. Sasikala, Lung Cancer Detection and Classification Using Deep CNN. International Journal of Innovative Technology and Exploring Engineering,8(2S).pp 259-262

50.	Aparna.A.P, Loshni.T, K.Ramprakash, (2018) Interdigital Bandpass Filter for 2.5 GHz LTE Application: Design and Performance Analysis, International Journal of Innovative Technology and Exploring Engineering,8(2S).pp 376-379
51.	M.Bharathi, (2018) Speed Breaker Detection Using GLCM Features. International Journal of Innovative Technology and Exploring Engineering,8(2S).pp 384-389
52.	Udhaya Kumar R, Kavitha K.,(2018) Canoe Tool for Ecu Automated Communication Testing, International Journal of Innovative Technology and Exploring Engineering,8(2S).pp 390-392
53.	K. Thilagavathi, Smart Glove to Monitor Parkinson's Patients, International Journal of Innovative Technology and Exploring Engineering,8(2S).pp.393-396
54.	Amsaveni, Gain Enhancement of a Square Patch Antenna using EBG Structure, International Journal of Innovative Technology and Exploring Engineering,8(2S).pp.397-400
55.	Dinesh Kumar K, RaniThottungal ., (2018). Real Time Monitoring System: Implementation of Face Detection and Recognition Algorithm, International Journal of Innovative Technology and Exploring Engineering,8(2S).pp 404-408
56.	S.Arun Kumar, Towards Enhancing the Performance of a Stress Detection System. International Journal of Innovative Technology and Exploring Engineering,8(2S). pp 379-383
57.	Shiji Shajahan, A., & Vasuki, A. (2018). Inductorless Realization of Chua's Circuit. International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(2S2), 192-196
58.	Nagarathinam, S., & Shanthi, D. (2018). High Performance Baugh-Wooley Multiplier Using HPM. International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(2S2), 371-375
59.	Shivappriya, S. N., DivyaRaju, & Harikumar, R. (2018). Augmented model of stacked autoencoder for image classification. International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(2S2), 340-344.
60.	Nagarathinam, S. (2018). Power Efficient Successive Approximation ADC With Double Tail Dynamic Latch Comparator. International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(2S2), 337-339
61.	JasparVinitaSundari,, T., & Karthika, K. (2018). Inverter Design using Junction less GAA Tunnel Field Effect Transistor. International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(2S2), 334-336
62.	Venkatesh, P., Rani Thottungal, & Ramprabu, J. (2018). Smart Home IOT. International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(2S2), 263-266.
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65.	Karthika, K., Kavitha, C., Kavitha, K., & Jaspar Vinita Sundari, T. (2018). Triple Band Rectifier Design for RF Energy Harvesting in Wireless Sensor Networks. International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(2S2), 209-212
66.	Karthikeyan, R., & Chandramouli, A. (2018). A Compact Planar Monopole Wideband Antenna for ISM & WIMAX Applications with Rhombus Radiator.

	International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(2S2), 206-208
67.	Hemalatha, R., Karthikeyan, G., & Mahalakshmi, R. (2018). Implementation of Aco Algorithm in Rwa. International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(2S2), 197-200
68.	Darwin, R., Swaati, S., Swathi, G., & Vishnu Priya, R. (2018). Suppression of Mutual Coupling between Dual Element MIMO Antenna for 5G. International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(2S2), 187-191.
69.	Umamaheswari, S., & Alagumeenaakshi, M. (2018). Interactive Voice Response System evelopment. International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8(2S2), 92-95.
70.	Kavitha, R., & Thottungal, R. (2018). Reconfigurable Selective Harmonic Elimination Technique for Wide Range Operations in Asymmetric Cascaded Multilevel Inverter. Journal of Power Electronics, 18(4), 1037-1050.